

NONPROVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400
Facsimile: (703) 836-2787

E0/40/60
ORI

Customer Number: 25944

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket No.: 117038

Date: September 4, 2003

MAIL STOP PATENT APPLICATIONNONPROVISIONAL APPLICATION TRANSMITTAL
RULE §1.53(b)09/04/03
10/65421
1557-U-S-PRO

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): METHOD OF MANUFACTURING THIN-FILM MAGNETIC HEADBy (Inventors): Yoshitaka SASAKI; Hiroyuki ITOH; Shigeki TANEMURA; Kazuo ISHIZAKI; Takehiro KAMIGAWA

- Formal drawings (Figs. 1A-19B; 14 sheets) are attached.
 Use Figure _____ for front page of Publication.
- A Declaration and Power of Attorney is filed herewith.
- This application claims benefit of Provisional Application No. _____ filed _____.
 (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
- This patent application is assigned to HEADWAY TECHNOLOGIES, INC. and SAE MAGNETICS (H.K.) LTD.
 The executed Assignment is filed herewith.
- An Information Disclosure Statement is filed herewith.
 Entitlement to small entity status is hereby asserted.
- A Preliminary Amendment is filed herewith.
- Priority of foreign application(s) No. _____ filed _____ in _____ is claimed (35 U.S.C. §119).
 A certified copy of the above corresponding foreign application(s) is filed herewith.
- This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
- The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF
ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	9 - 20	= 0
INDEP CLAIMS	1 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference is less than zero, enter "0".

- Check No. 145876 in the amount of \$750 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Joel S. Armstrong
Registration No. 36,430

JAO:JSA/mlo

NONPROVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC
 P.O. Box 19928
 Alexandria, Virginia 22320
 Telephone: (703) 836-6400
 Facsimile: (703) 836-2787

Attorney Docket No.: 117038Date: September 4, 2003MAIL STOP PATENT APPLICATION

Customer Number: 25944

NONPROVISIONAL APPLICATION TRANSMITTAL
RULE §1.53(b)

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): METHOD OF MANUFACTURING THIN-FILM MAGNETIC HEAD
 By (Inventors): Yoshitaka SASAKI; Hiroyuki ITOH; Shigeki TANEMURA; Kazuo ISHIZAKI; Takehiro KAMIGAWA

- Formal drawings (Figs. 1A-19B; 14 sheets) are attached.
 Use Figure _____ for front page of Publication.
- A Declaration and Power of Attorney is filed herewith.
- This application claims benefit of Provisional Application No. _____ filed _____.
 (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
- This patent application is assigned to HEADWAY TECHNOLOGIES, INC. and SAE MAGNETICS (H.K.) LTD.
 The executed Assignment is filed herewith.
- An Information Disclosure Statement is filed herewith.
 Entitlement to small entity status is hereby asserted.
- A Preliminary Amendment is filed herewith.
- Priority of foreign application(s) No. _____ filed _____ in _____ is claimed (35 U.S.C. §119).
 A certified copy of the above corresponding foreign application(s) is filed herewith.
- This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
- The filing fee is calculated below:

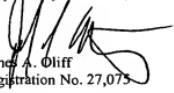
CLAIMS IN THE APPLICATION AFTER ENTRY OF
ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	9 - 20	= 0
INDEP CLAIMS	1 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference is less than zero, enter "0".

- Check No. 145876 in the amount of \$750 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,


 James A. Oliff

Registration No. 27,075

 Joel S. Armstrong
 Registration No. 36,430

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE	FEES	RATE	FEES
	\$ 375	OR	\$ 750
x 9 =	\$	OR	x 18 \$
x 42 =	\$	OR	x 84 \$
+ 140 =	\$	OR	+ 280 \$
TOTAL		OR	TOTAL \$ 750

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC
 P.O. Box 19928
 Alexandria, Virginia 22320
 Telephone: (703) 836-6400
 Facsimile: (703) 836-2787

Attorney Docket No.: 117038

Date: September 4, 2003

MAIL STOP PATENT APPLICATION

Customer Number: 25944

NONPROVISIONAL APPLICATION TRANSMITTAL
RULE §1.53(b)

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): METHOD OF MANUFACTURING THIN-FILM MAGNETIC HEAD

By (Inventors): Yoshitaka SASAKI; Hiroyuki ITOH; Shigeki TANEMURA; Kazuo ISHIZAKI; Takehiro KAMIGAWA

- Formal drawings (Figs. 1A-19B; 14 sheets) are attached.
 Use Figure _____ for front page of Publication.
- A Declaration and Power of Attorney is filed herewith.
- This application claims benefit of Provisional Application No. _____ filed _____.
 (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
- This patent application is assigned to HEADWAY TECHNOLOGIES, INC. and SAE MAGNETICS (H.K.) LTD.
 The executed Assignment is filed herewith.
- An Information Disclosure Statement is filed herewith.
 Entitlement to small entity status is hereby asserted.
- A Preliminary Amendment is filed herewith.
- Priority of foreign application(s) No. _____ filed _____ in _____ is claimed (35 U.S.C. §119).
 A certified copy of the above corresponding foreign application(s) is filed herewith.
- This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
- The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF
ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	9 - 20	= 0
INDEP CLAIMS	I - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference is less than zero, enter "0".

SMALL ENTITY

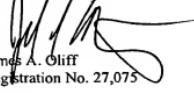
RATE	FEES
	\$ 375
x 9 =	\$
x 42 =	\$
+ 140 =	\$
TOTAL	\$

OTHER THAN A
SMALL ENTITY

OR RATE	FEES
	\$ 750
OR x 18 =	\$
OR x 84 =	\$
OR + 280 =	\$
OR TOTAL	\$ 750

- Check No. 145876 in the amount of \$750 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,


 James A. Oliff
 Registration No. 27,075

 Joel S. Armstrong
 Registration No. 36,430